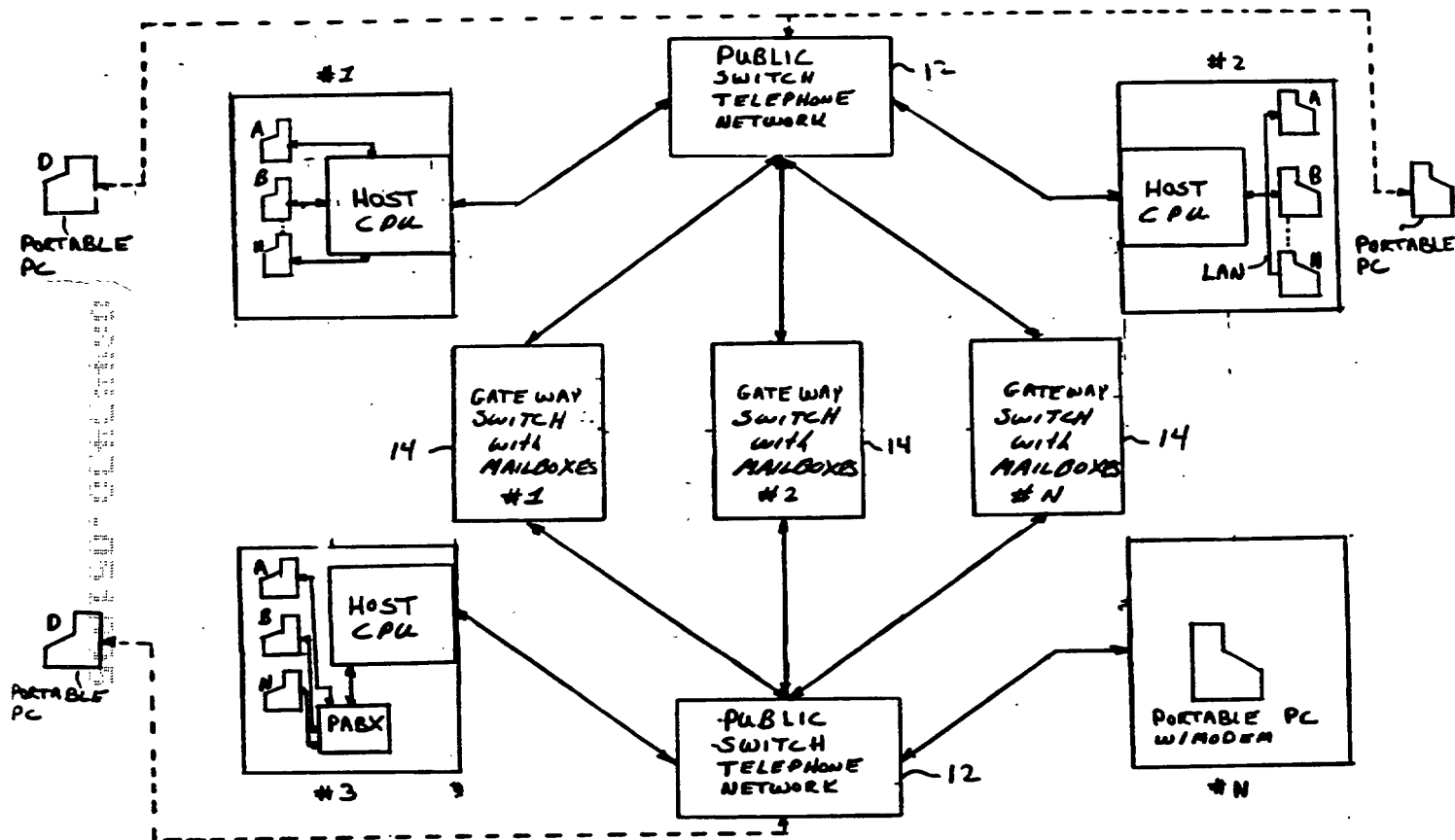
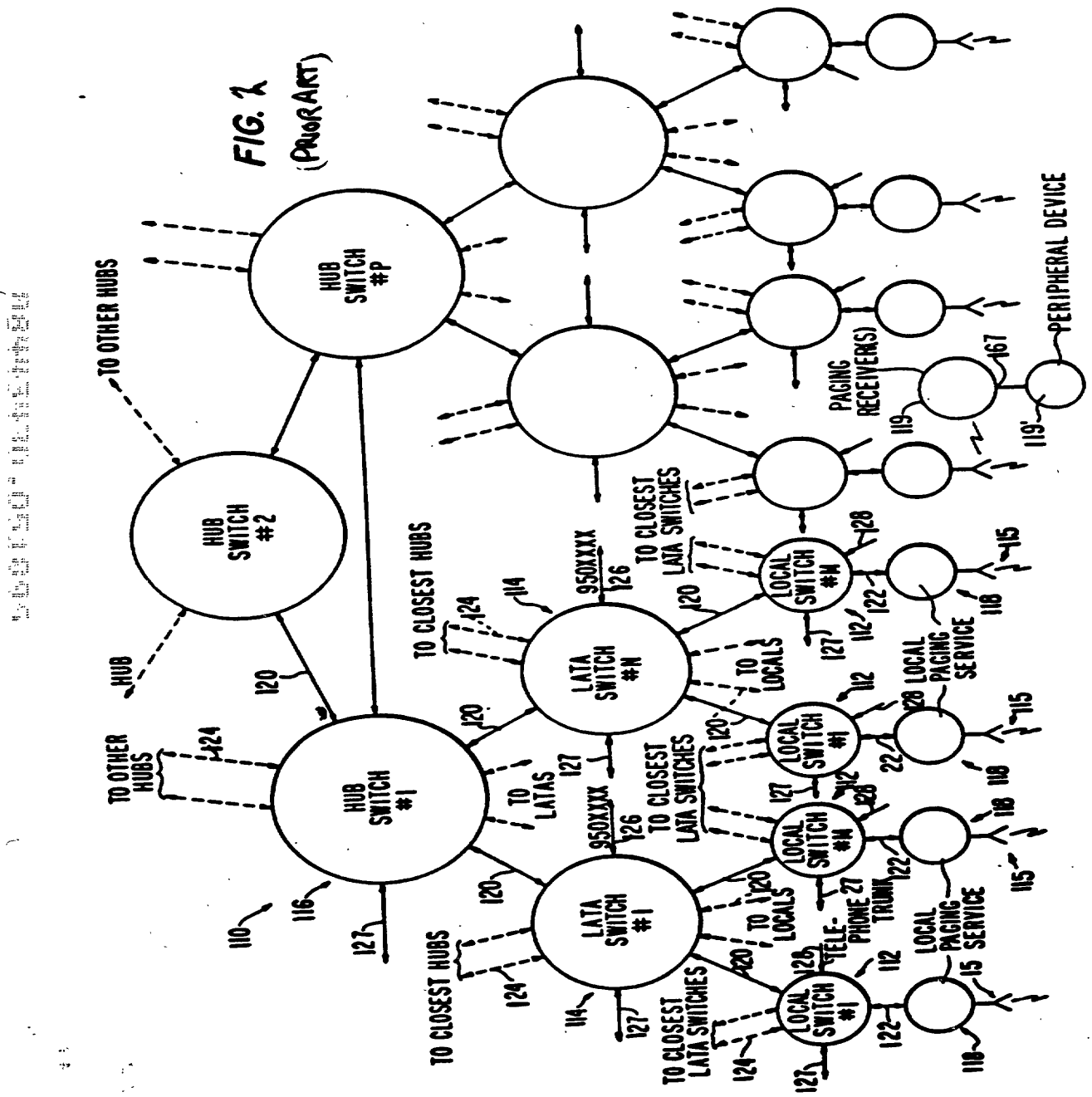


Fig. 1
(PRIOR ART)





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FIG. 3
(PRIOR ART)
LOCAL SWITCH MEMORY MAP

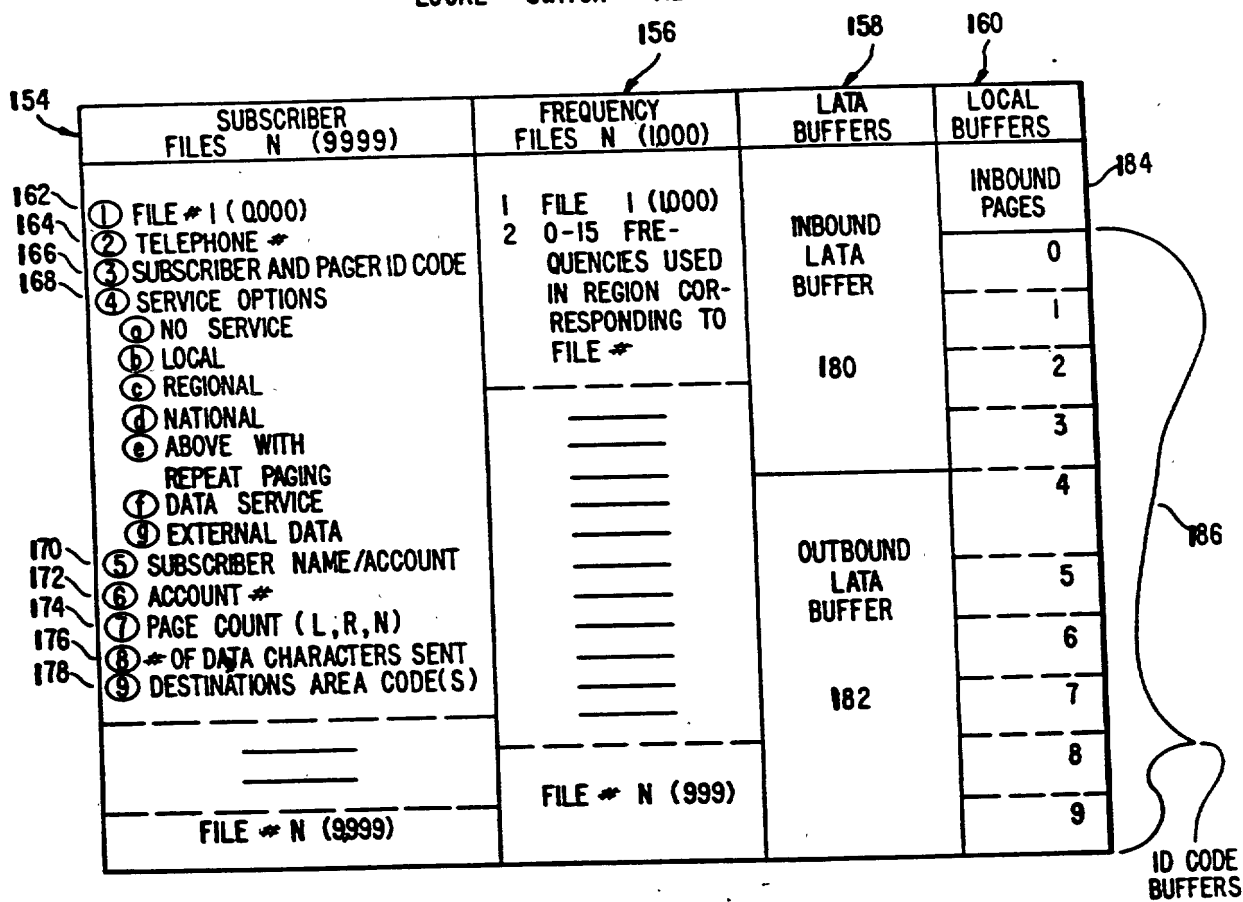


FIG. 4
(PRIOR ART)

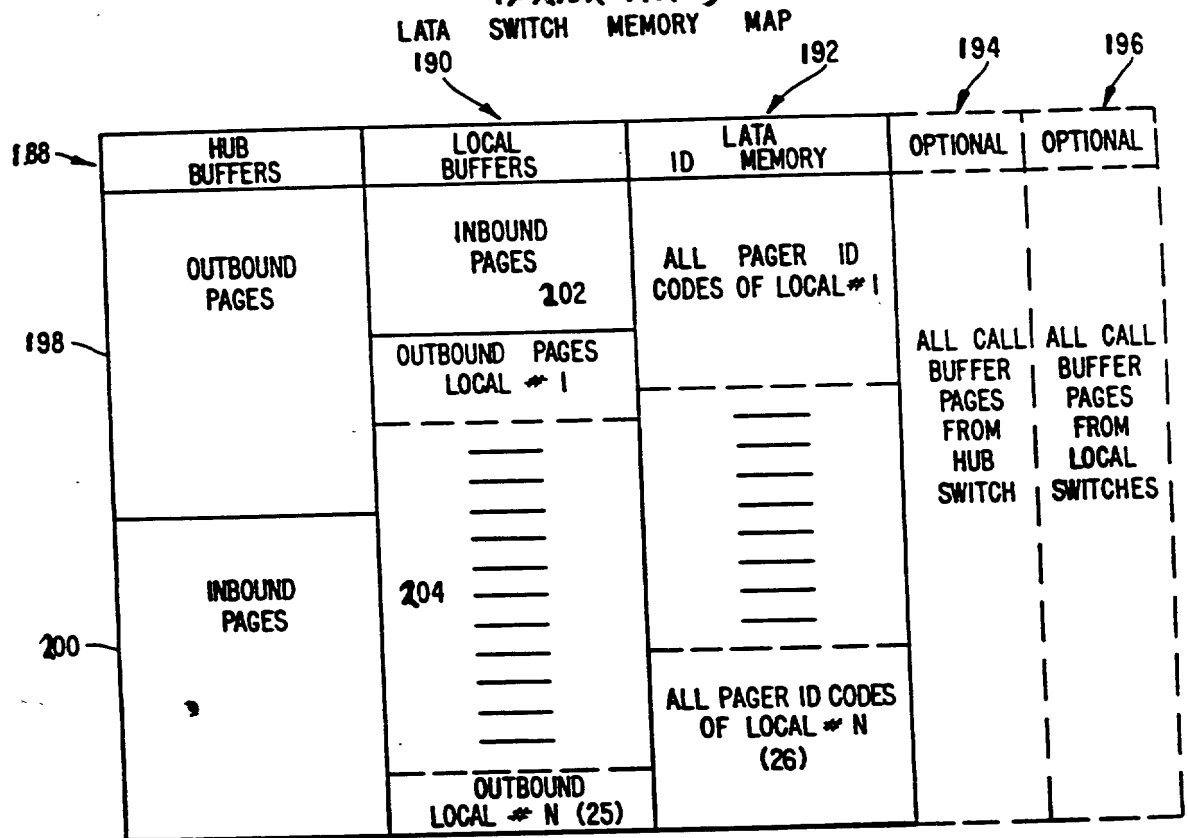
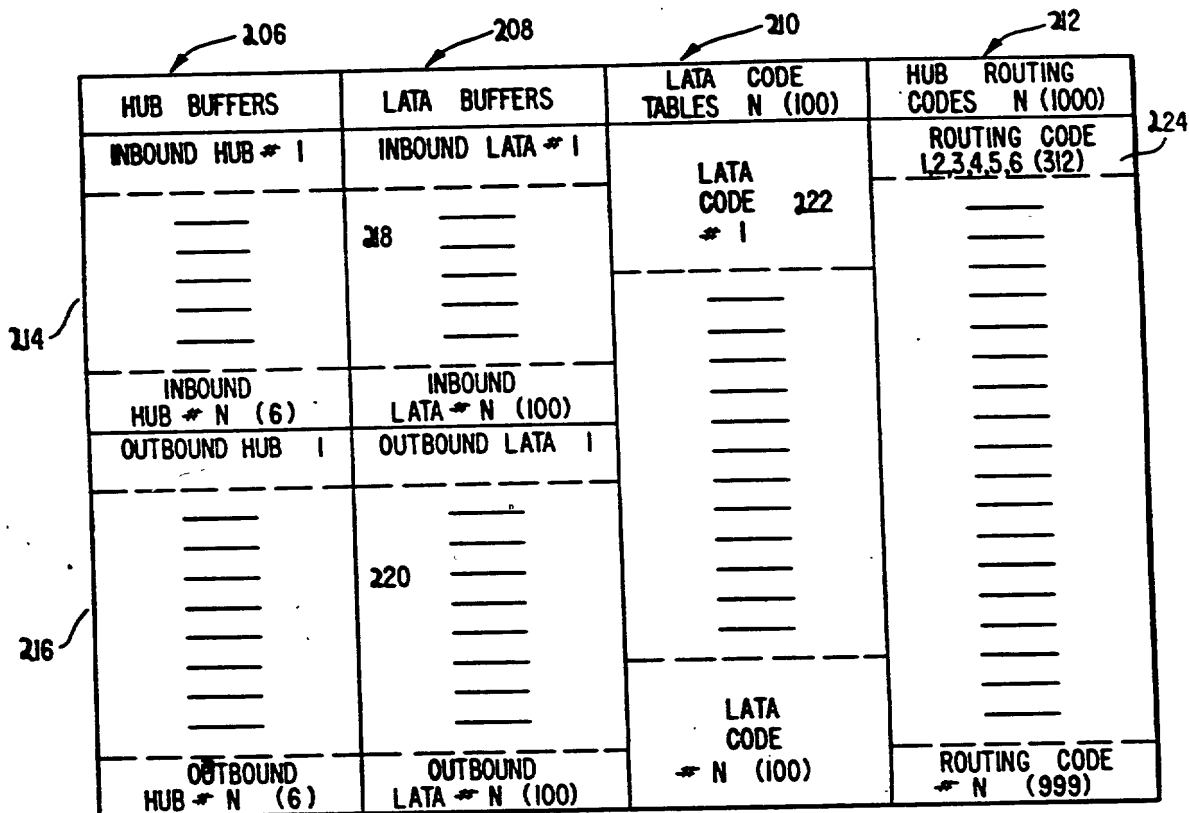


FIG. 5
(PRIOR ART)
HUB SWITCH MEMORY MAP

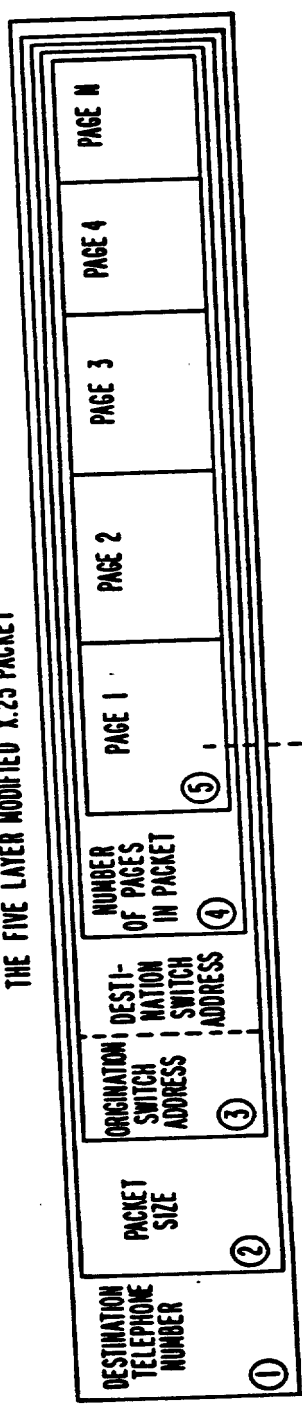


SECRET

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FIG. 6
(PRIOR ART)

THE FIVE LAYER MODIFIED X.25 PACKET



MESSAGE DETAIL

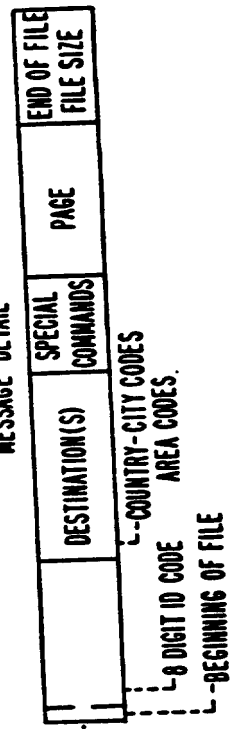


Fig. 7

(PRIOR ART)

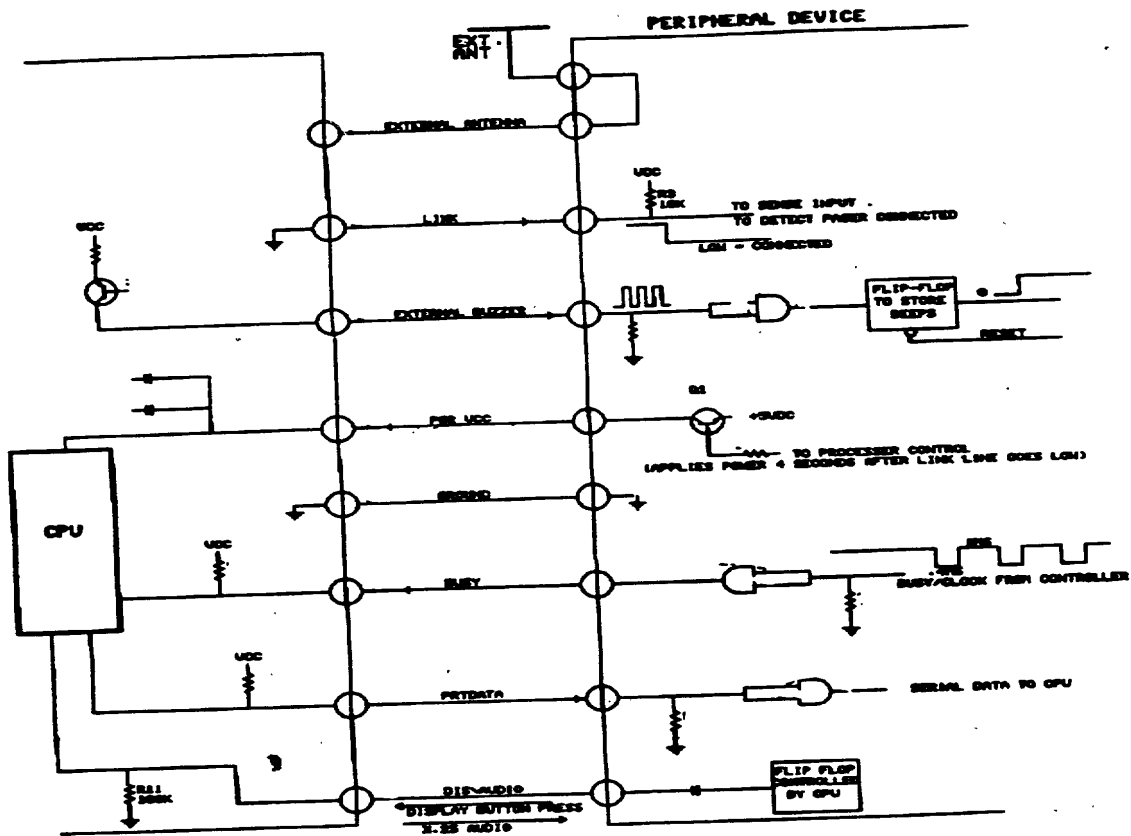
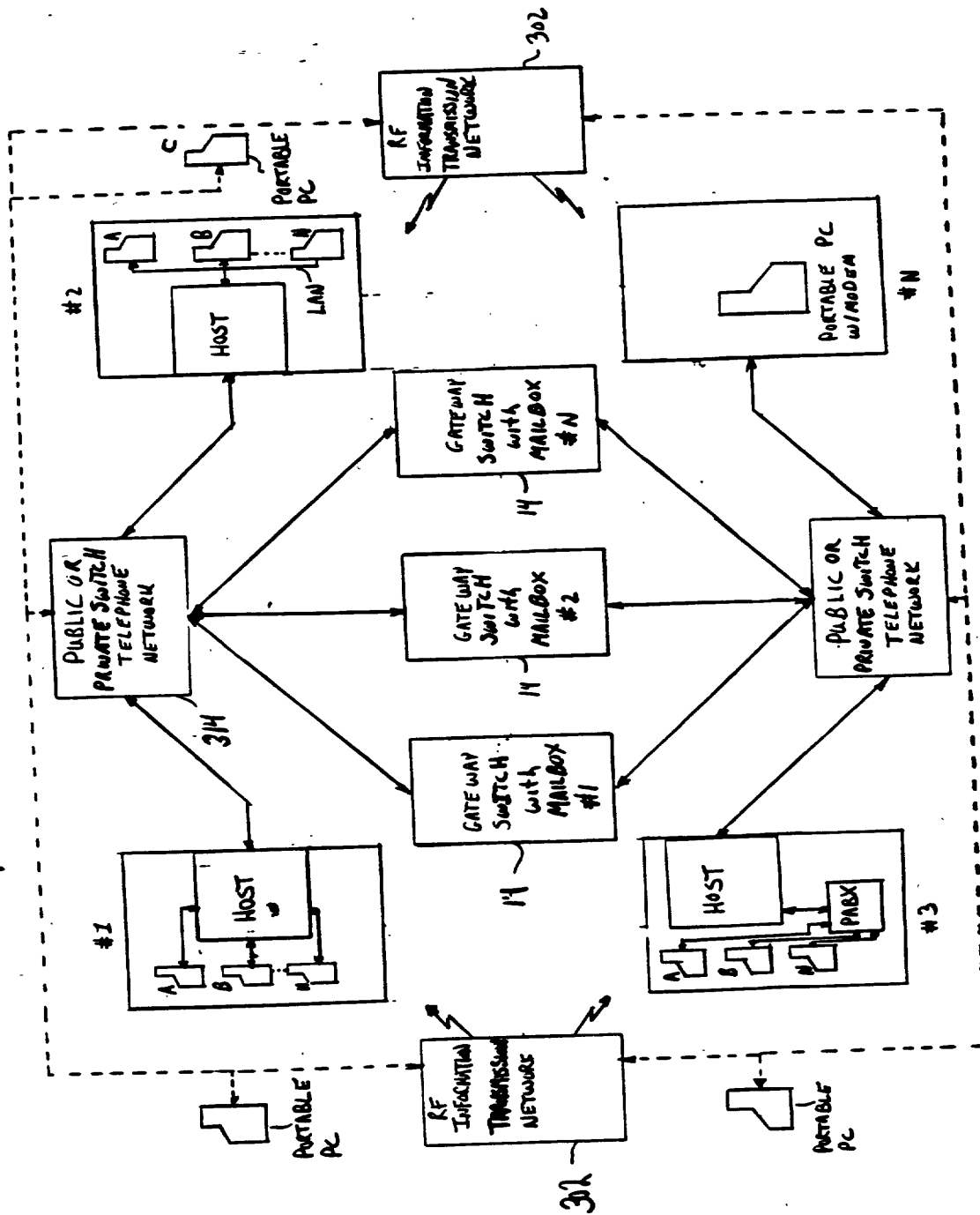


Fig. 8



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FIG. 9

Fig. 9

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307

GATEWAY
SWITCH
WITH
MAILBOX
OF EMAIL
SYSTEM 1

14

GATEWAY
SWITCH
WITH
MAILBOX
OF EMAIL
SYSTEM 2

14

GATEWAY
SWITCH
WITH
MAILBOX
OF EMAIL
SYSTEM N

14

INTERFACE
SWITCH
304

INTERFACE
SWITCH
304

INTERFACE
SWITCH
304

HUB
116

LATA
114

LATA
114

LATA
114



312



312



312

443430 20

08 447430

SECRET

Fig. 10

302

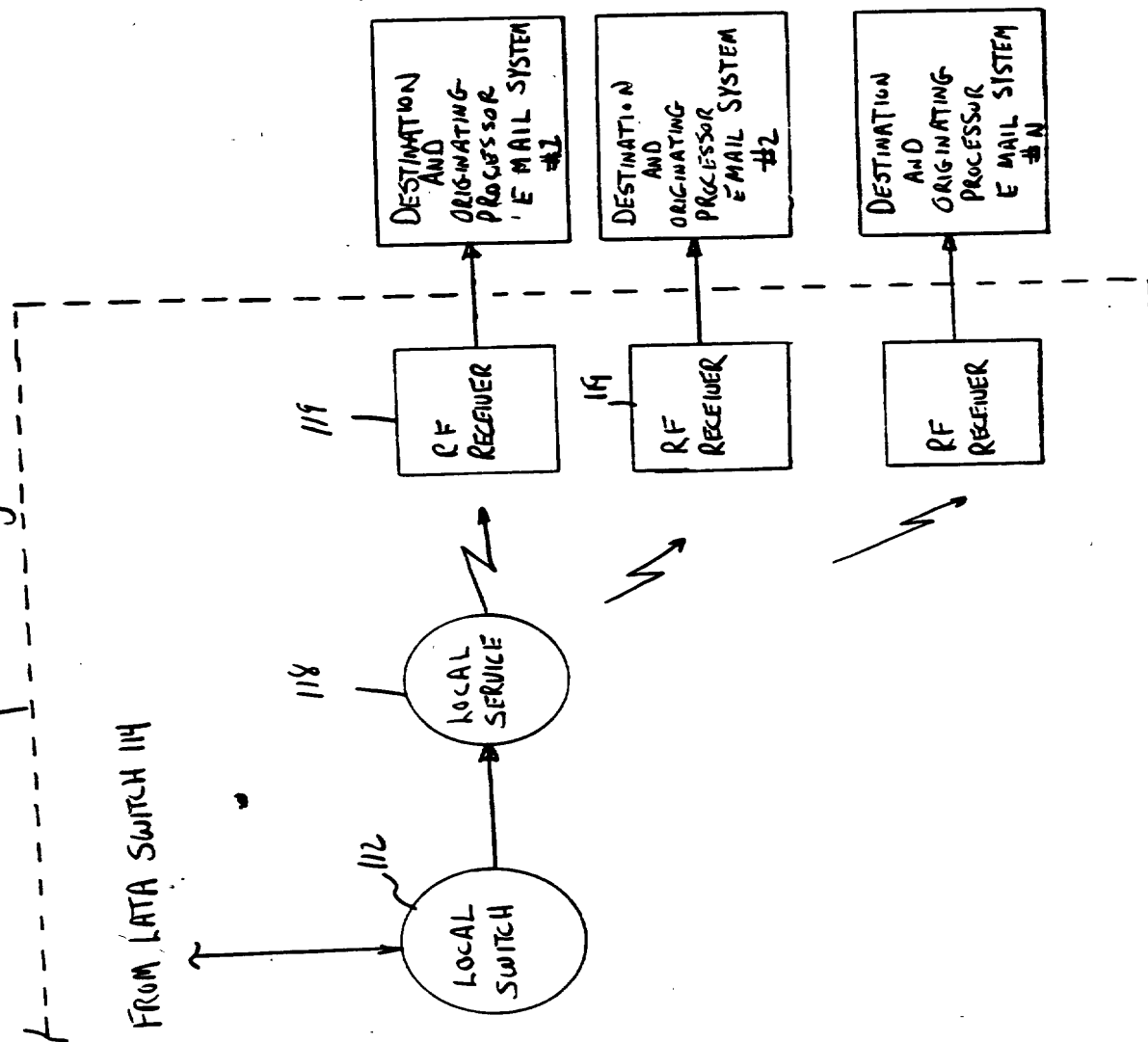


Fig. 11

ELECTRONIC MAIL MESSAGE ENTRY METHODS

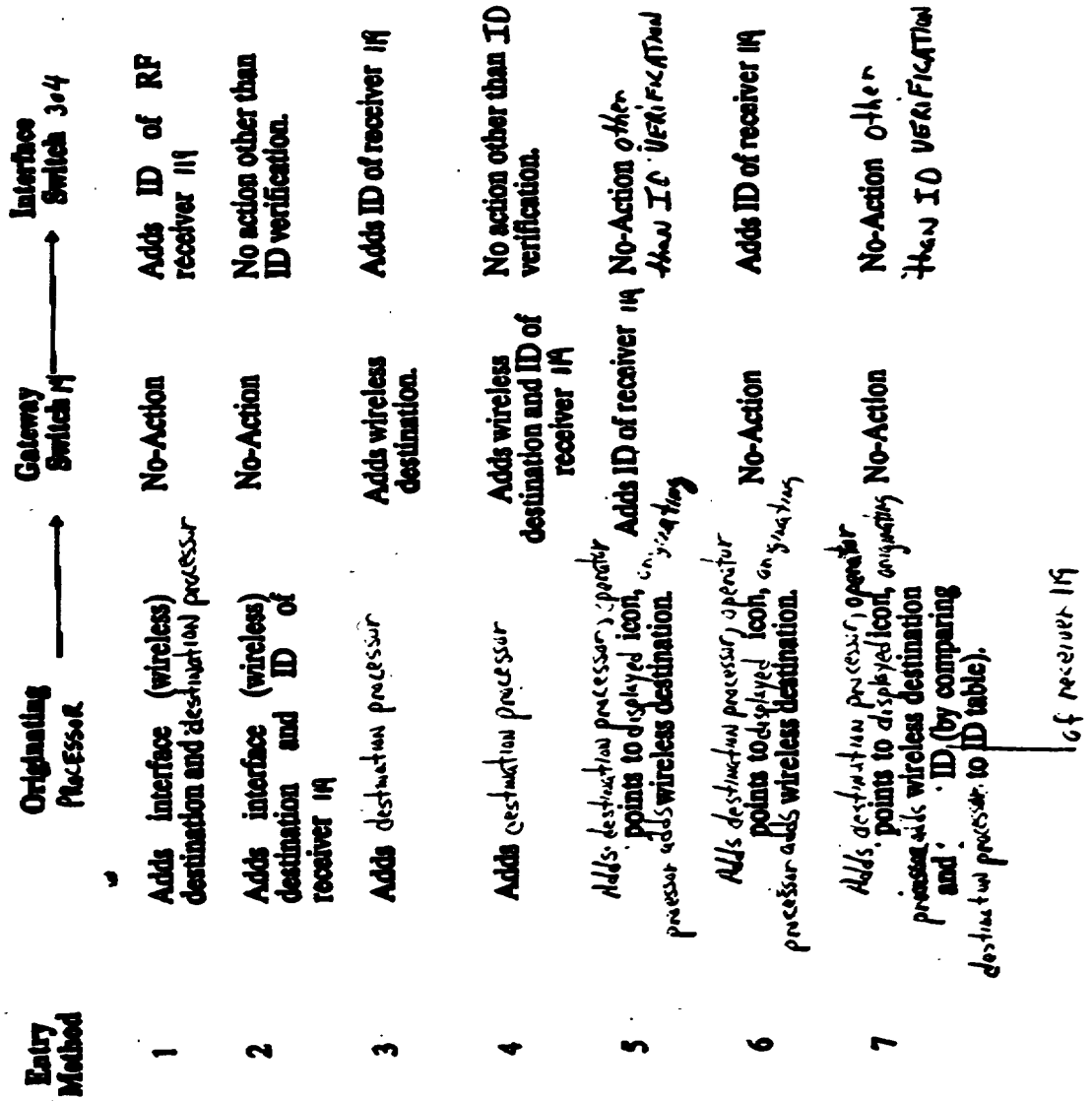
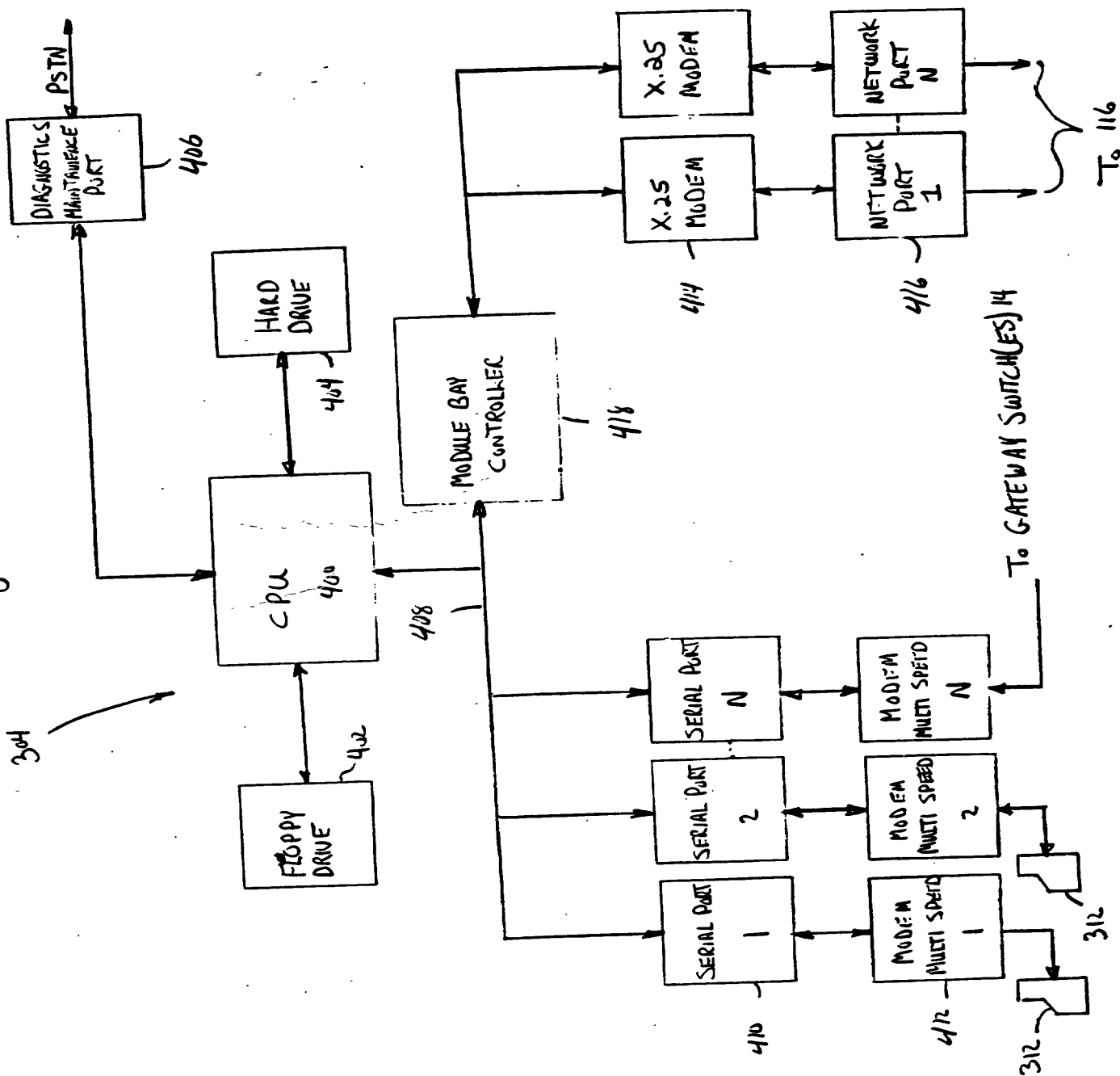


Figure 12



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